

Title (en)

Apparatus and method for detecting character components on a printed document.

Title (de)

Gerät und Verfahren zur Ermittlung von Zeichenteilen auf einem gedruckten Dokument.

Title (fr)

Appareil et méthode de détection de composants de caractères sur un document imprimé.

Publication

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Application

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Priority

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Abstract (en)

According to the invention the apparatus is characterised in that the segmentation means comprises means for dividing each part of the data stream which corresponds to the scanning of a selected area of the document into a plurality of groups of bits so that each group contains the same number of bits, means for performing OR operations on all the bits in each of the groups so as to generate a plurality of patterns each containing m bits (where m is an integer greater than one), means for counting the number of bits in each pattern which represent the presence of a character component, summing means for selectively summing the counts for the patterns corresponding to the scanning of a preselected number of adjacent areas of the document, and means for detecting from the results of the summing operations which scanned areas represent the boundaries between adjacent character components on the document.

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